3GPP TSG-T plenary meeting #20
Hämeenlinna, Finland, 4-6 May 2003

Tdoc TP-030118

Source: T3

Title: CRs to TS 11.10-4:

Mobile Station (MS) conformance specification;
Part 4: SIM Application Toolkit conformance specification

Document for: Approval

This document contains the following change requests:

T3 Doc	Spec	CR	Rev	Phase	Subject	Cat	V. old	V. new
T3-030420	11.10-4	A012	-	R99	Corrections to Send Short Message, Sequence 1.4	F	8.3.0	8.4.0
T3-030421	11.10-4	A013	-	R99	Redial in Set Up Call	F	8.3.0	8.4.0
T3-030422	11.10-4	A014	-	R99	Correction to Terminal Response: Set Up Call 1.7.1	F	8.3.0	8.4.0
T3-030429	11.10-4	A015	-	R99	Select Item: Support of “No response from user”	F	8.3.0	8.4.0
T3-030451	11.10-4	A016	-	R99	Correction of Emergency Call test cases	F	8.3.0	8.4.0

3GPP TSG-T3 Meeting #27
Sapporo, Japan, 20.-23.05.2003

Tdoc ⌘T3- 030420

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A012** ⌘ **rev** **-** ⌘ Current version: **8.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	CR 11.10-4 R99: Corrections to Send Short Message, Sequence 1.4
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	22/05/2003
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	Editorial and coding errors in sequence
Summary of change:	⌘	Errors corrected
Consequences if not approved:	⌘	Incorrect test due to inconsistency between coding and test intention

Clauses affected:	⌘	27.22.4.10.1.4.2			
		Y	**N**		
Other specs affected:	⌘		**N**	Other core specifications	⌘
			N	Test specifications	
			N	O&M Specifications	
Other comments:	⌘				

How to create CRs using this form:
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Below is a brief summary:

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3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

3GPP TS 11.10-4 V8.3.0 (2003-04)

Technical Specification

3rd Generation Partnership Project;
Technical Specification Group
GSM/EDGE Radio Access Network;
Digital cellular telecommunications system (Phase 2+);
Mobile Station (MS) conformance specification;
Part 4: SIM Application Toolkit conformance specification
(Release 1999)

Keywords
GSM, SIM, testing

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27.22.4.10.1.4.2 Procedure

[..]

Expected Sequence 1.4 (SEND SHORT MESSAGE, packing required, ~~SMS default alphabet~~ 8 bit data, message of 160 bytes, successful)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SEND SHORT MESSAGE 1.4. 1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND : SEND SHORT MESSAGE 1.4.1	[packing required, ~~SMS default alphabet~~8 bit data]
4	ME → USER	Display " The address data object holds the RP_Destination_Address "	[Alpha Identifier]
5	ME → SS	Send SMS-PP "Two types are defined: - A short message to be sent to the network in an SMS-SUBMIT message, or an SMS-COMMAND message, where the user data can be passed transp"	[message of 160 bytes]
6	SS → ME	SMS RP-ACK	
7	ME → SIM	TERMINAL RESPONSE : SEND SHORT MESSAGE 1.4.1	[Command performed successfully]

PROACTIVE COMMAND : SEND SHORT MESSAGE 1.4.1

Logically:

- Command details
  - Command number: 1
  - Command type: SEND SHORT MESSAGE
  - Command qualifier: packing required
- Device identities
  - Source device: SIM
  - Destination device: Network
- Alpha identifier: "The address data object holds the RP_Destination_Address"
- Address
  - TON: International number
  - NPI: "ISDN / telephone numbering plan"
  - Dialling number string "112233445566778"
- SMS TPDU
  - TP-MTI SMS-SUBMIT
  - TP-RD Instruct the SC to accept an SMS-SUBMIT for a SM
  - TP-VPF TP-VP field not present
  - TP-RP TP-Reply-Path is not set in this SMS-SUBMIT
  - TP-UDHI The TP-UD field contains only the short message
  - TP-SRR A status report is not requested
  - TP-MR "00"
  - TP-DA
    - TON International number
    - NPI "ISDN / telephone numbering plan"
    - Address value "012345678"
  - TP-PID Short message type 0
  - TP-DCS
    - Message coding ~~SMS default alphabet~~8 bit data
    - Message class class 0
  - TP-UDL 160

TP-UD "Two types are defined: - A short message to be sent to the network in an SMS-SUBMIT message, or an SMS-COMMAND message, where the user data can be passed transp"

Coding:

BER-TLV:	D0	81	FD	81	03	01	13	~~00~~0 1	82	02	81	83
	85	38	54	68	65	20	61	64	64	72	65	73
	73	20	64	61	74	61	20	6F	62	6A	65	63
	74	20	68	6F	6C	64	73	20	74	68	65	20
	52	50	11	44	65	73	74	69	6E	61	74	69
	6F	6E	11	41	64	64	72	65	73	73	86	09
	91	11	22	33	44	55	66	77	F8	8B	81	AC
	01	00	09	91	10	32	54	76	F8	40	F4	A0
	54	77	6F	20	74	79	70	65	73	20	61	72
	65	20	64	65	66	69	6E	65	64	3A	20	2D
	20	41	20	73	68	6F	72	74	20	6D	65	73
	73	61	67	65	20	74	6F	20	62	65	20	73
	65	6E	74	20	74	6F	20	74	68	65	20	6E
	65	74	77	6F	72	6B	20	69	6E	20	61	6E
	20	53	4D	53	2D	53	55	42	4D	49	54	20
	6D	65	73	73	61	67	65	2C	20	6F	72	20
	61	6E	20	53	4D	53	2D	43	4F	4D	4D	41
	4E	44	20	6D	65	73	73	61	67	65	2C	20
	77	68	65	72	65	20	74	68	65	20	75	73
	65	72	20	64	61	74	61	20	63	61	6E	20
	62	65	20	70	61	73	73	65	64	20	74	72
	61	6E	73	70								

SMS-PP (SEND SHORT MESSAGE) Message 1.4

Logically:

SMS TPDU	
TP-MTI	SMS-SUBMIT
TP-RD	Instruct the SC to accept an SMS-SUBMIT for a SM
TP-VPF	TP-VP field not present
TP-RP	TP-Reply-Path is not set in this SMS-SUBMIT
TP-UDHI	The TP-UD field contains only the short message
TP-SRR	A status report is not requested
TP-MR	"00"
TP-DA	
TON	International number
NPI	“ISDN / telephone numbering plan”
Address value	"012345678"
TP-PID	Short message type 0
TP-DCS	
Message coding	SMS default alphabet
Message class	class 0
TP-UDL	160
TP-UD	"Two types are defined: - A short message to be sent to the network in an SMS-SUBMIT message, or an SMS-COMMAND message, where the user data can be passed transp"

Coding:

BER-TLV:	98	01	00	09	91	10	32	54	76	F8	40	F0
	A0	D4	FB	1B	44	CF	C3	CB	73	50	58	5E
	06	91	CB	E6	B4	BB	4C	D6	81	5A	A0	20
	68	8E	7E	CB	E9	A0	76	79	3E	0F	9F	CB
	20	FA	1B	24	2E	83	E6	65	37	1D	44	7F
	83	E8	E8	32	C8	5D	A6	DF	DF	F2	35	28
	ED	06	85	DD	A0	69	73	DA	9A	56	85	CD
	24	15	D4	2E	CF	E7	E1	73	99	05	7A	CB
	41	61	37	68	DA	9C	B6	86	CF	66	33	E8
	24	82	DA	E5	F9	3C	7C	2E	B3	40	77	74
	59	5E	06	D1	D1	65	50	7D	5E	96	83	C8
	61	7A	18	34	0E	BB	41	E2	32	08	1E	9E
	CF	CB	64	10	5D	1E	76	CF	E1			

TERMINAL RESPONSE : SEND SHORT MESSAGE 1.4.1

Logically:

Command details	
Command number:	1
Command type:	SEND SHORT MESSAGE
Command qualifier:	packing ~~not~~ required
Device identities	
Source device:	ME
Destination device:	SIM
Result	
General Result:	Command performed successfully

Coding:

BER-TLV:	81	03	01	13	~~00~~0 1	82	02	82	81	83	01	00

[..]

3GPP TSG-T3 Meeting #27
Sapporo, JAPAN, 20 – 23 May 2003

Tdoc ⌘T3-030421

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A013** ⌘**rev** **-** ⌘ Current version: **8.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☒ Radio Access Network ☐ Core Network ☐

Title:	⌘	Redial in Set Up Call
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	23/05/2003
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	The SIM Application Toolkit specification of the Set Up Call command (TS 11.14, clause 6.4.13) states that if the first call set-up attempt is unsuccessful and the SIM requested redial, then the ME may automatically redial the call. This means that the redial mechanism in Set Up Call is optional for the ME. The SIM Application Toolkit conformance specification, however, includes mandatory test cases of that optional redial mechanism.
Summary of change:	⌘	Identify those test cases as optional which cover the redial mechanism in Set Up Call.
Consequences if not approved:	⌘	To satisfy SIM Application Toolkit conformance tests, the redial mechanism in Set Up Call would become mandatory for the ME, although it is optional in the core specification.

Clauses affected:	⌘	3.3; 3.4

Other specs Affected: ⌘	Y	N		⌘
		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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3.3 Table of Optional Features

Support of SIM Application Toolkit is optional for Mobile Equipment. However, if an ME states conformance with a specific GSM release, it is mandatory for the ME to support all functions of that release, as stated in the table, below.

The support of letter classes, which specify mainly ME hardware dependent features, is optional for the ME and may supplement the SIM Application Toolkit functionality described in this document. If an ME states conformance to a letter class, it is mandatory to support all functions within the respective letter class.

The supplier of the implementation shall state the support of possible options in the table A.1 below.

Table A.1: Options

Item	Option	Status	support	Mnemonic
1	Capability Configuration parameter	O		O_Cap_Conf
2	Sustained text	O		O_sust_text
3	UCS2 coding scheme for Entry	O		O_Ucs2_Entry
4	Extended Text String	O		O_Ext_Str
5	Help information	O		O_Help
6	Icons	O		O_Icons
7	Class A: Dual Slot	O		O_Dual_Slot
8	Detachable reader	O		O_Detach_Rdr
9	Class B: RUN AT	O		O_Run_At
10	Class C: LAUNCH BROWSER	O		O_LB
11	Class D: Soft keys	O		O_Soft_key
12	Class E : B.I.P	O		O_BIP
13	Screen sizing parameters	O		O_Scr_Siz
14	Screen Resizing	O		O_Scr_Resiz
15	UCS2 coding scheme for Display	O		O_Ucs2_Disp
16	Mobile supporting GPRS	O		O_GPRS
17	Mobile supporting UDP	O		O_UDP
18	Mobile supporting TCP	O		O_TCP
19	Redial in Set Up Call	O		O_Redial

[…]

3.4 Applicability table

Table B.1: Applicability of tests

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
1	**PROFILE DOWNLOAD 27.22.1**	**R96**	**1**	**M**	**M**	**M**	**M**	E.1/1	
2	**Contents of the TERMINAL PROFILE command 27.22.2**	R96		M	M	M	M	E.1/1	
3	**Servicing of Proactive SIM Commands 27.22.3**	R96		M	M	M	M		
	[...]								

16	**SET UP CALL 27.22.4.13**								
	Call confirmed by the user and connected	R96	1.1	M	M	M	M	E.1/29	
	call rejected by the user	R96	1.2	M	M	M	M	E.1/29	
	Redial	R96	1.3	C119 ~~M~~	C119 ~~M~~	C119 ~~M~~	C119 ~~M~~	E.1/29	
	putting all other calls on hold, ME busy	R96	1.4	M	M	M	M	E.1/29	
	disconnecting all other calls, ME busy	R96	1.5	M	M	M	M	E.1/29	
	only if not currently busy on another call, ME busy	R96	1.6	M	M	M	M	E.1/29	
	putting all other calls on hold, call hold is not allowed	R96	1.7	M	M	M	M	E.1/29	
	Capability configuration	R96	1.8	C101	C101	C101	C101	E.1/29	
	long dialing number string	R96	1.9	M	M	M	M	E.1/29	
	long first alpha identifier	R96	1.10	M	M	M	M	E.1/29	
	Called party subaddress	R96	1.11	M	M	M	M	E.1/29	
	maximum duration for the redial mechanism	R96	1.12	C119 ~~M~~	C119 ~~M~~	C119 ~~M~~	C119 ~~M~~	E.1/29	
	second alpha identifier	R98	2.1			M	M	E.1/29 AND E.1/63	
	UCS2 Display	R97	TBD					E.1/29 AND E.1/15	
	icons	R98	3.1,3.2, 3.3, 3.4			C108	C108	E.1/29	
	[...]								
	27.22.7.11 : Channel status event	R99	1.1				C113	E.1/44 AND E.1/89	

C101 IF A.1/1 THEN M ELSE N/A -- O_Cap_Conf

C102, C103 void

C104 IF A.1/2 THEN M ELSE N/A -- O_Sust_text

C105	IF A.1/3 THEN M ELSE N/A	-- O_Ucs2_Entry
C106	IF A.1/4 THEN M ELSE N/A	-- O_Ext_Str
C107	IF A.1/5 THEN M ELSE N/A	-- O_Help
C108	IF A.1/6 THEN (O.1 OR O.2) ELSE N/A	-- O_Icons
C109	IF A.1/7 THEN M ELSE N/A	-- O_Dual_Slot
C110	IF A.1/9 THEN M ELSE N/A	-- O_Run_At
C111	IF A.1/10 THEN M ELSE N/A	-- O_LB
C112	IF A.1/11 THEN M ELSE N/A	O_Soft_key
C113	IF A.1/12 THEN M ELSE N/A	O_BIP
C114	IF C110 AND C108 THEN M ELSE N/A	-- O_Run_At AND O_Icons
C115	IF C111 AND C108 THEN M ELSE N/A	-- O_LB AND O_Icons
C116	IF C105 AND A.1/8 THEN M ELSE N/A	-- O_Dual_Slot AND O_Detach_Rdr
C117	IF C111 AND C105 THEN M ELSE N/A	-- O_LB AND O_Ucs2
C118	IF A.1/14 THEN M ELSE N/A	-- O_Ucs2_Disp
C119	IF A.1/19 THEN M ELSE N/A	-- O_Redial
O.1	IF (the ME supports icons as defined in record 1 of $EF_{(IMG)}$, tests x.1A M ELSE tests x.1B M (where x is the expected sequence number value)	
O.2	IF the ME supports icons as defined in record 2 of $EF_{(IMG)}$, tests x.2A M ELSE x.2B M (where x is the expected sequence number value)	

3GPP TSG-T3 Meeting #27
Sapporo, JAPAN, 20 – 23 May 2003

Tdoc ⌘T3-030422

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A014** ⌘**rev** **-** ⌘ Current version: **8.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☒ Radio Access Network ☐ Core Network ☐

Title:	⌘	Correction to Terminal Response: Set Up Call 1.7.1
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	23/05/2003
Category:	⌘	**F**
Release:	⌘	R99

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R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	The logical coding of the general result in the Terminal Response: Set Up Call 1.7.1 is wrong.
Summary of change:	⌘	Use logical coding of general result “Network currently unable to process command” instead of “ME currently unable to process command”. The binary coding needs no change, because the binary coding is correct.
Consequences if not approved:	⌘	Conflict between logical and binary coding of Terminal Response: Set Up Call 1.7.1.

Clauses affected:	⌘	27.22.4.13.1.4.2

	Y	N		
Other specs affected: ⌘		X	Other core specifications	⌘
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

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27.22.4.13 SET UP CALL

[...]

27.22.4.13.1.4.2 Procedure

[...]

Expected Sequence 1.7 (SET UP CALL, putting all other calls on hold, call hold is not allowed)

ME is busy on a call.

The system simulator shall be configured to not allow Call Hold.

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SET UP CALL 1.4.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND : SET UP CALL 1.4.1	[putting all other calls on hold]
4	ME → USER	ME displays “On hold” during the user confirmation phase	
5	USER → ME	The user confirms the set up call	[user confirms the call]
6	ME → SIM	TERMINAL RESPONSE 1.7.1	[Network currently unable to process command]

TERMINAL RESPONSE : SET UP CALL 1.7.1

Logically:

Command details
- Command number: 1
- Command type: SET UP CALL
- Command qualifier: putting all other calls on hold

Device identities
- Source device: ME
- Destination device: SIM

Result
- General Result: Network ~~ME~~ currently unable to process command
- Additional Information: No specific cause can be given

Coding:

BER-TLV: 81 03 01 10 02 82 02 82 81 83 02 21 00

3GPP TSG-T3 Meeting #27
Sapporo, JAPAN, 20 – 23 May 2003

Tdoc ⌘T3-030429
(revised version: T3-030354)

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A015** ⌘ **rev** **-** ⌘ Current version: **8.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐ ME ☒ Radio Access Network ☐ Core Network ☐

Title:	⌘	Select Item: Support of "No response from user"
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	22/05/03
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
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R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	As regards the "No response from user" result, there are currently test cases for the Display Text, Get Inkey and Get Input commands. What is still missing is a test case for the "No response from user" result of the Select Item command.
Summary of change:	⌘	The R99 version of the SIM toolkit test specification now defines a testcase for the "No response from user" response which was defined as untestable in R96.
Consequences if not approved:	⌘	The test case suite for Select Item would be incomplete, compared with the test case suites of the Display Text, Get Inkey and Get Input commands.

Clauses affected:	⌘	3.3; 3.4; 27.22.4.9.1.3; 27.22.4.9.8			
		Y	**N**		
Other specs affected:	⌘		**X**	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	
Other comments:	⌘				

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Below is a brief summary:

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2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

3.3 Table of Optional Features

Support of SIM Application Toolkit is optional for Mobile Equipment. However, if an ME states conformance with a specific GSM release, it is mandatory for the ME to support all functions of that release, as stated in the table, below.

The support of letter classes, which specify mainly ME hardware dependent features, is optional for the ME and may supplement the SIM Application Toolkit functionality described in this document. If an ME states conformance to a letter class, it is mandatory to support all functions within the respective letter class.

The supplier of the implementation shall state the support of possible options in the table A.1 below.

Table A.1: Options

Item	Option	Status	support	Mnemonic
1	Capability Configuration parameter	O		O_Cap_Conf
2	Sustained text	O		O_sust_text
3	UCS2 coding scheme for Entry	O		O_Ucs2_Entry
4	Extended Text String	O		O_Ext_Str
5	Help information	O		O_Help
6	Icons	O		O_Icons
7	Class A: Dual Slot	O		O_Dual_Slot
8	Detachable reader	O		O_Detach_Rdr
9	Class B: RUN AT	O		O_Run_At
10	Class C: LAUNCH BROWSER	O		O_LB
11	Class D: Soft keys	O		O_Soft_key
12	Class E : B.I.P	O		O_BIP
13	Screen sizing parameters	O		O_Scr_Siz
14	Screen Resizing	O		O_Scr_Resiz
15	UCS2 coding scheme for Display	O		O_Ucs2_Disp
16	Mobile supporting GPRS	O		O_GPRS
17	Mobile supporting UDP	O		O_UDP
18	Mobile supporting TCP	O		O_TCP
[…]				
20	Mobile decision to respond with "No response from user" in finite time	O		O_D_NoResp

3.4 Applicability table

Table B.1: Applicability of tests

Item	Description	Release	Test sequence (s)	Rel 96 ME	Rel 97 ME	Rel 98 ME	Rel 99 ME	Terminal Profile	Support
1	**PROFILE DOWNLOAD 27.22.1**	**R96**	**1**	**M**	**M**	**M**	**M**	E.1/1	
2	**Contents of the TERMINAL PROFILE command 27.22.2**	R96		M	M	M	M	E.1/1	
3	**Servicing of Proactive SIM Commands 27.22.3**	R96		M	M	M	M		

	[...]								
12	**SELECT ITEM 27.22.4.9**								
	Mandatory features	R96	1.1	M	M	M	M	E.1/25	
	Large menu	R96	1.2, 1.3, 1.5,1.6	M	M	M	M	E.1/25	
	Backwards move	R96	1.4	M	M	M	M	E.1/25	
	user termination	R96	1.5	M	M	M	M	E.1/25	
	no response from user	R96	8.1	C120	C120	C120	C120	E.1/25	
	next action indicator	R97	2.1		M	M	M	E.1/25	
	default selected item	R97	3.1		M	M	M	E.1/25	
	help information	R97	4.1		C107	C107	C107		
	icons	R98	5.1, 5.2			C108	C108	E.1/25	
	Presentation style	R98	6.1, 6.2			M	M	E.1/25	
	Soft keys	R99	7.1				C112	E.1/25 AND E.1/73	
	[...]								

C101	IF A.1/1 THEN M ELSE N/A	-- O_Cap_Conf
C102, C103	void	
C104	IF A.1/2 THEN M ELSE N/A	-- O_Sust_text
C105	IF A.1/3 THEN M ELSE N/A	-- O_Ucs2_Entry
C106	IF A.1/4 THEN M ELSE N/A	-- O_Ext_Str
C107	IF A.1/5 THEN M ELSE N/A	-- O_Help
C108	IF A.1/6 THEN (O.1 OR O.2) ELSE N/A	-- O_Icons
[…]		
C120	IF A.1/20 THEN M ELSE N/A	-- O_D_NoResp

O.1 IF (the ME supports icons as defined in record 1 of $EF_{(IMG)}$, tests x.1A M ELSE tests x.1B M (where x is the expected sequence number value)

O.2 IF the ME supports icons as defined in record 2 of $EF_{(IMG)}$, tests x.2A M ELSE x.2B M (where x is the expected sequence number value)

27.22.4.9 SELECT ITEM

27.22.4.9.1 SELECT ITEM (mandatory features for ME supporting SELECT ITEM)

27.22.4.9.1.1 Definition and applicability

See Section 3.2.2.

27.22.4.9.1.2 Conformance Requirement

The ME shall support the Proactive SIM: Select Item facility as defined in the following technical specifications:

3GPP TS 11.14 [15] clause 5 (Profile Download), 6.4.9 (Proactive SIM commands and procedures, SELECT ITEM), 6.6.8 (Structure of proactive SIM commands, SELECT ITEM), 6.8 (Structure of TERMINAL RESPONSE), 12.6 (Command details), 13.4 (Type of Command and Next Action Indicator), 14 (Allowed Type of command and Device identity combinations).

27.22.4.9.1.3 Test Purpose

To verify that the ME correctly presents the set of items contained in the SELECT ITEM proactive SIM command, and returns a TERMINAL RESPONSE command to the SIM with the identifier of the item chosen.

To verify that the ME allows a SELECT ITEM proactive SIM command within the maximum 255 byte BER-TLV boundary.

To verify that the ME returns a TERMINAL RESPONSE with "Proactive SIM application session terminated by the user", if the user has indicated the need to end the proactive SIM session.

To verify that the ME returns a TERMINAL RESPONSE with "Backwards move in the proactive SIM application session requested by the user", if the user has indicated the need to go backwards in the proactive SIM application session.

~~The ability of the ME to send the TERMINAL RESPONSE with "No response from user" result value cannot be tested as the length of time to wait is undefined in GSM 11.14 [15].~~

[...]

27.22.4.9.8 SELECT ITEM (Support of “No response from user”)

27.22.4.9.8.1 Definition and applicability

See Section 3.2.2.

27.22.4.9.8.2 Conformance Requirement

Same as 27.22.4.9.1.2

27.22.4.9.8.3 Test Purpose

To verify that after a period of user inactivity the ME returns a “No response from user” result value in the TERMINAL RESPONSE command sent to the SIM.

27.22.4.9.8.4 Method of Test

27.22.4.9.8.4.1 Initial Conditions

The ME is connected to the SIM Simulator.

The elementary files are coded as Toolkit default.

Prior to this test the ME shall have been powered on and performed the PROFILE DOWNLOAD procedure.

The ME Manufacturer shall have defined the “no response from user” period of time.

The SIM simulator shall be set to that period of time

27.22.4.9.8.4.2 Procedure

Expected Sequence 8.1 (SELECT ITEM, no response from user)

Step	Direction	MESSAGE / Action	Comments
1	SIM → ME	PROACTIVE COMMAND PENDING: SELECT ITEM 8.1.1	
2	ME → SIM	FETCH	
3	SIM → ME	PROACTIVE COMMAND: SELECT ITEM 8.1.1	
4	ME → USER	Display items of "Item 1", “Item 2” and "Item 3" under the header of "<TIME-OUT>".	
5	USER	Waiting and no completion	
6	ME → SIM	TERMINAL RESPONSE: SELECT ITEM 8.1.1	[No response from user] within 5 seconds after the end of that defined period of time
7	USER	Check if the delay of TERMINAL RESPONSE is reasonable or not	

PROACTIVE COMMAND : SELECT ITEM 8.1.1

Logically:

Command details
- Command number: 1
- Command type: SELECT ITEM
- Command qualifier: "00"

Device identities
- Source device: SIM
- Destination device: ME

Alpha identifier: "<TIME-OUT>"

Item
- Identifier of item: 01
- Text string of item: "Item 1"

Item
- Identifier of item: 02
- Text string of item: "Item 2"

Item
- Identifier of item: 03
- Text string of item: "Item 3"

Coding:

BER-TLV: D0 30 81 03 01 24 00 82 02 81 82 85
0A 3C 54 49 4D 45 2D 4F 55 54 3E 8F
07 01 49 74 65 6D 20 31 8F 07 02 49
74 65 6D 20 32 8F 07 03 49 74 65 6D
20 33

TERMINAL RESPONSE : SELECT ITEM 8.1.1

Logically:

Command details
Command number: 1
Command type: SELECT ITEM
Command qualifier: "00"
Device identities
Source device: ME
Destination device: SIM
Result
General Result: No response from user

Coding:

BER-TLV:	81	03	01	24	00	82	02	82	81	83	01	12

27.22.4.9.8.5 Test Requirement

The ME shall operate in the manner defined in expected sequence 8.1.

3GPP TSG-T3 Meeting #27
Sapporo, Japan, 20-23 May 2003

Tdoc ⌘T3-030451
(Superceedes T3-030381)

CR-Form-v7

CHANGE REQUEST

⌘ **11.10-4** **CR** **A016** ⌘**rev** **-** ⌘ Current version: **8.3.0** ⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ [X] ME [X] Radio Access Network [ ] Core Network [ ]

Title:	⌘	Correction of Emergency Call test cases
Source:	⌘	T3
Work item code:	⌘	TEI
Date:	⌘	23/05/03
Category:	⌘	**F**
Release:	⌘	R99

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(addition of feature),*
C *(functional modification of feature)*
D *(editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
Rel-4	*(Release 4)*
Rel-5	*(Release 5)*
Rel-6	*(Release 6)*

Reason for change:	⌘	There is a contradiction between the coding of the content of the emergency number in the default configuration and test case 27.22.6 sequence 1.10. As a consequence a R99 ME will always fail this test case as "112" is not marked as an emergency number
Summary of change:	⌘	Add "112" as an emergency number in the ECC file
Consequences if not approved:	⌘	Test case 1.10 will fail with a ME implemented according to the Emergency Call requirements of TS 22.101 (only "1020" is an emergency number).

Clauses affected:	⌘	27.22

Other specs affected: ⌘	Y	N		⌘
		X	Other core specifications	
		X	Test specifications	
		X	O&M Specifications	

Other comments: ⌘

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

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3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

27 Testing of the SIM/ME interface

[….]

27.1 - 27.21 Not used

27.22 SIM Application Toolkit

General Test Purpose

[….]

Definition of default values for SIM Application Toolkit testing

[….]

EF_{ECC} (Emergency Call Codes)

Logically:

Emergency Call Code 1:	'1020'		
Coding:	01	02	FF
Emergency Call Code 2:	'112'		
Coding:	11	F2	FF